

COMPONENTS OF AN EXEMPLARY BAR GRAPH

Guidelines for Creating Data Displays

Reference: Maryland Mathematics Content Standards (May 19, 2000), Indicator 4.3.2

Components of the y-axis:

- (1) Descriptive label that includes the variable or quantity that changes
- (2) Units appropriately represent data (may be part of the y-axis descriptive label)
- (3) Scale is appropriate for the data
- (4) Scale or number interval on the grid is consistent (may include a break [_])
- (5) Spacing of scale is consistent along grid lines

Components of the x-axis:

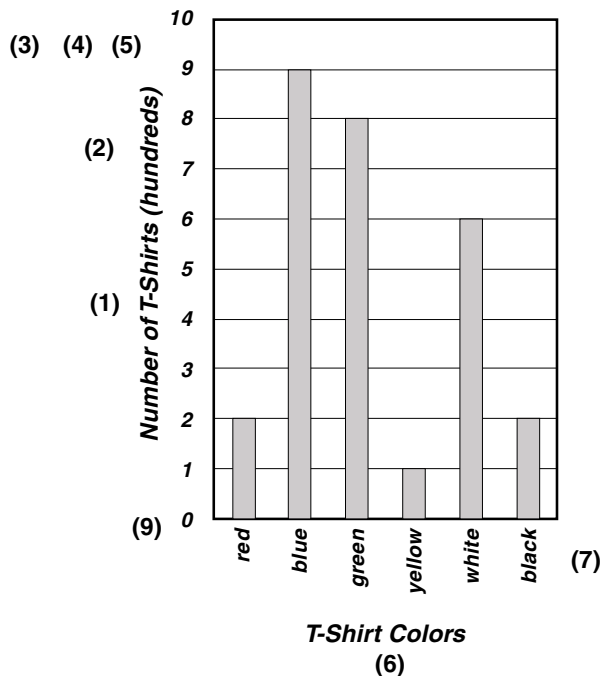
- (6) Descriptive label that includes the variable or quantity that changes
- (7) Units appropriately represent data (may be part of the x-axis descriptive label)

Other graph components:

- (8) Main title for the graph that describes the given data set
- (9) Origin is indicated by either a zero or an empty space for the zero

With a Zero

(8) **T-SHIRT ORDER**



Without a Zero

(8) **T-SHIRT ORDER**

